### Declaration and Power of Attorney For Patent Application 特許出願宣言書

#### Japanese Language Declaration

私は、下欄に氏名を記載した発明者として、以下の 通 As a below named inventor, I hereby declare that: り宣言する:

私の住所, 郵便の宛先及び国籍は、下欄に氏名に続いて記載した通りであり、

My residence, post office address and citizenship are as stated below next to my name.

名称の発明に関し、請求の範囲に記載した特許を求める主題の本来の、最初にして唯一の発明者である(一人の氏名のみが下欄に記載されている場合)か、若しくは本来の、最初にして共同の発明者である(複数の氏名が下欄に記載されている場合)と信じ、

有機エレクトロルミネッセンス素子及び液晶材料

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(該当する方に印を付す)

図ここに添付する。

		日に出願番号
第	······	_号として提出し
		_日に補正した。
	(該当する場)	۵)

私は、前記のとおり補正した請求の範囲を含む前記明 細書の内容を検討し、理解したことを陳述する。

私は、連邦規則法典第37部第1章第56条(a)項 に従い、本願の審査に所要の情報を開示すべき義務を有 することを認める。 I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

AN ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE AND CHEMICAL COMPOUNDS FOR LIQUID CRYSTALS

the specification of which (check one)

$\boxtimes$	is attached hereto			
	was filed on		as	
Application Serial No				
and	l was amended on			
		(if applicable)	•	

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a)



#### Japanese Language Declaration

私は、合衆国法典第35部第119条に基づく下記の 外国特許出願又は発明者証出願の外国優先権利益を主 張し、更に優先権の主張に係わる基礎出願の出願日前の 出願日を有する外国特許出願又は発明者証出願を以下 に明記する:

Prior foreign applications 先の外国出願・

2000-128766	Japan
(Number)	(Country)
(番号)	(国名)
(Number) (番号)	(Country (国名)
(Number) (番号)	(Country) (国名)

私は、合衆国法典第35部第120条に基づく下記の 合衆国特許出願の利益を主張し、本願の請求の範囲各項 に記載の主題が合衆国法典第35部第112条第1項 に規定の熊様で先の合衆国出願に開示されていない限 度において、先の出願の出願日と本願の国内出願日又は PCT国際出願日の間に公表された連邦規則法典第3 7部第1章第56条(a)項に記載の所要の情報を開示 すべき義務を有することを認める:

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

	Priority Claimed		
	優先権の主張		
28.04.2000	$\boxtimes$		
(Day/Month/Year Filed)	Yes	No	
(出願の年月日)	あり	なし	
(Day/Month/Year Filed)	Yes	No	
(出願の年月日)	あり	なし	
·			
(Day/Month/Year Filed)	Yes	No	
(出願の年月日)	あり	なし	

I hereby claim the benefit under Title 35, United Code. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37. Code of Federal Regulations, § 1.56(a)which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.) (Filing Date)

(現況)

(Status)

(特許済み、係属中、放棄済み) (patented, pending, abandoned)

(出願日)

真実であり、自己の有する情報及び信ずるところに従っ て行った陳述が真実であると信じ、更に故意に虚偽の陳 述等を行った場合、合衆国法典第18部第1001条に より、罰金又は禁固に処せられるか、又はこれらの刑が 併科され、またかかる故意による虚偽の陳述が本願ない し本願に対して付与せられる特許の有効性を損なうこ とがあることを認識して、以上の陳述を行ったことを宣 言する。

私は、ここに自己の知識に基づいて行った陳述が全て I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issue thereon.

Japanese Language De	claration					
委任状:私は、下記発		以下の代理人を			TORNEY: As a nar	
ここに選任し、本願の手	続きを遂行	すること並びにこ	hereby	appoint	the following atte	orney(s) and/o
れに関する一切の行為を			agent(s)	to prosec	ute this application	and transact a
とを委任する。					tent and Trademark	
(代理人氏名及び登録:	番号を明記の	<b>のこと)</b>	therewith	ı. (list na	me and registration r	number)
William H. Logsdon	22,132	Barbara E. Joh	nson	31,918	Lester N. Fortney	38,141
Russell D. Orkin	25,363	Paul M. Reznic	k	33,059	Randall A. Notzen	
David C. Hanson	23,024	John W. McIlva		34,219	Jesse A. Hirshmar	
Frederick B. Ziesenhei	m 19,438	Michael I. Shar		30,424	James G. Porcelli	
Richard L. Byrne	28,498	Blynn L. Shide		35,034	Kent E. Baldauf, J	fr. 36,082
Kent E. Baldauf	25,826	Julie W. Meder		36,216		
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直通電話連絡先(名称及	なび電話番号	·) D	irect Telep	hone Cal	ls to:(name and telep	hone number)
			Russall I	Orkin	412-471-8815	
			10035611 1	· OIKIII	112 111 0010	
唯一の又は第一の発	明者の氏名		Full nam	e of sole	or first inventor	
			   T:: IZT	חח		
城戸 淳二		<del></del>	Junji KI	<u> </u>		
同発明者の署名		日付	Inventor	s signatu	ire	Date
·		10,4,2001			_	10,4,2001
	<u>}</u>				7	
1 12 2	7				1/2/1/5	
$    \mathcal{V} \times \mathcal{V}  $	13-					

Residence

992-0045 Japan

Citizenship JAPAN

Post Office Address

992-0045 Japan

(第二又はそれ以降の共同発明者に対しても同様 な情報及び署名を提供すること)

山形県米沢市中央二丁目6番地6号

山形県米沢市中央二丁目6番地6号

住所

国籍 日本国

郵便の宛先

(Supply similar information and signature for second and subsequent joint inventors.)

6-6, Chuo-2-chome, Yonezawa-shi, Yamagata-ken

6-6, Chuo 2 chome, Yonezawa shi, Yamagata ken

第二の共同発明者の氏名(該当する場合)	Full name of second joint inventor, if any
仲田 仁	Hitoshi NAKADA
同発明者の署名 日付   10,4,2∞1	Inventor's signature Date 10,4,2001
中面仁	Iditoshi Nakada
住所 山形県米沢市八幡原四丁目3146番7号 東北 パイオニア株式会社内	Residence c/o Tohoku Pioneer Corporation, 3146·7, Hachiman Para, 4·chome, Yonezawa shi, Yamagata ken 992·1128 Japan
国籍 日本国	Citizenship JAPAN
郵便の宛先 山形県米沢市八幡原四丁目3146番7号 東北 パイオニア株式会社内	Post Office Address c/o Tohoku Pioneer Corporation, 3146·7, Hachiman Para, 4·chome, Yonezawa shi, Yamagata ken 992·1128 Japan
第三の共同発明者の氏名(該当する場合)	Full name of third joint inventor, if any
當摩 照夫	Teruo TOHMA
同発明者の署名 日付 10,4,2001	Inventor's signature Date 10,4,2001
住所 山形県米沢市八幡原四丁目3146番7号 東北 パイオニア株式会社内	Residence c/o Tohoku Pioneer Corporation, 3146-7, Hachiman Para, 4-chome, Yonezawa shi, Yamagata ken 992-1128 Japan
国籍 日本国	Citizenship JAPAN
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第四の共同発明者の氏名(該当する場合)	Full name of fourth joint inventor, if any
村山 竜史	Ryuji MURAYAMA
同発明者の署名 日付 10, <del>1</del> ,2001	Inventor's signature Date 10,4,2001
村山竜史	Ryuji Murayama
住所 山形県米沢市八幡原四丁目3146番7号 東北 パイオニア株式会社内	Residence c/o Tohoku Pioneer Corporation, 3146·7, Hachiman Para, 4·chome, Yonezawa shi, Yamagata ken 992·1128 Japan
国籍 日本国	Citizenship JAPAN
郵便の宛先 山形県米沢市八幡原四丁目3146番7号 東北 パイオニア株式会社内	Post Office Address c/o Tohoku Pioneer Corporation, 3146-7, Hachiman Para, 4-chome, Yonezawa shi, Yamagata ken 992-1128 Japan

第五の共同発明者の氏名(該当する場合) 結城 敏尚	Full name of fifth joint inventor, if any Toshinao YUKI
同発明者の署名 (0,4,2001 結城 敏尚	Inventor's signature  Date 10,4,2001  Toshina o Yuki
住所 山形県米沢市八幡原四丁目3146番7号 東北 パイオニア株式会社内	Residence c/o Tohoku Pioneer Corporation, 3146-7, Hachiman-Para, 4-chome, Yonezawa-shi, Yamagata-ken 992-1128 Japan
国籍 日本国	Citizenship JAPAN
郵便の宛先 山形県米沢市八幡原四丁目3146番7号 東北 パイオニア株式会社内	Post Office Address c/o Tohoku Pioneer Corporation, 3146·7, Hachiman Para, 4·chome, Yonezawa shi, Yamagata ken 992·1128 Japan



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RECORDATION DATE: 04/27/2001

REEL/FRAME: 011757/0123

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KIDO, JUNJI

DOC DATE: 04/10/2001

ASSIGNOR:

NAKADA, HITOSHI

DOC DATE: 04/10/2001

ASSIGNOR:

TOHMA, TERUO

DOC DATE: 04/10/2001

ASSIGNOR:

MURAYAMA, RYUJI

DOC DATE: 04/10/2001

ASSIGNOR:

YUKI, TOSHINAO

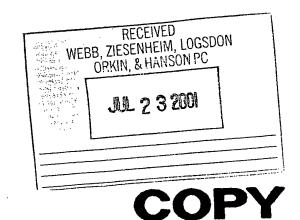
DOC DATE: 04/10/2001

ASSIGNEE:

TOHOKU PIONEER CORPORATION
1105, AZA-NIKKO, OAZA-KUNOMOTO,
TENDO-SHI

6

YAMAGATA-KEN 994-8585, JAPAN



011757/0123 PAGE 2

SERIAL NUMBER: 09844151

PATENT NUMBER:

FILING DATE: 04/27/2001

ISSUE DATE:

MARCUS KIRK, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

## ASSIGNMENT DEED

This assignment is applicable to an invention entitled (Invention Title)  AN ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE AND CHEMICAL COMPOUNDS FOR LIQUID CRYSTALS.
GO. A. GOVING OIL DIVIDITIED .
The PATENT RIGHTS referred to in this agreement are:
(check one)   a patent application for this invention, executed by the ASSIGNOR(S) concur-
rently with this agreement.
U.S. patent application Serial No, issued
a U.S. patent application based on PCT International Application No.
filed on (date) (U.S. patent application serial No, if known).
The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of
the patents and patent applications identified above.
The PATENT RIGHTS assigned under this agreement are:
(check one) \( \times \text{U.S. patent rights only.} \)
worldwide patent rights. In this case, the assignee shall have the right to claim
the benefit of the filing date of any U.S. patent application identified above.
The ASSIGNOR(S) referred to in this agreement is (or are):
(Full name of sole or first inventor) <u>Junji KIDO</u>
(Address) 6.6, Chuo-2-chome, Yonezawa-shi, Yamagata-ken 992-0045 Japan
(Full name of second joint inventor, if any) Hitoshi NAKADA
(Address) c/o Tohoku Pioneer Corporation, 3146-7, Hachiman-Para, 4-chome, Yonezawa-
shi, Yamagata-ken 992-1128 Japan
(Full name of third joint inventor, if any) Teruo TOHMA
(Address) c/o Tohoku Pioneer Corporation, 3146-7, Hachiman-Para, 4-chome, Yonezawa-
shi, Yamagata-ken 992-1128 Japan (Full name of fourth joint inventor, if any) Ryuji MURAYAMA
(Address) c/o Tohoku Pioneer Corporation, 3146-7, Hachiman-Para, 4-chome, Yonezawa-
shi, Yamagata-ken 992-1128 Japan
(Full name of fifth joint inventor, if any)Toshinao YUKI
(Address) c/o Tohoku Pioneer Corporation, 3146-7, Hachiman Para, 4-chome, Yonezawa
shi, Yamagata-ken 992-1128 Japan
The ASSIGNEES referred to in this agreement are:
I .(Name of First Assignee) Tohoku Pioneer Corporation
(Address of Assignee) 1105, Aza-Nikko, Oaza-Kunomoto, Tendo-shi, Yamagata-ken
994-8585 Japan
The first ASSIGNEE is:
(check one) 🗌 An individual.
☐ A Partnership.
□ A Corporation of <u>Japan</u> .
(state or country)
II.(Name of Second Assignee) <u>Junji KIDO</u>
(Address of Assignee) 6-6, Chuo-2-chome, Yonezawa-shi, Yamagata-ken 992-0045
<u>Japan</u>
The second ASSIGNEE is:
(check one) 🗵 An individual.
A Partnership.
A Corporation of <u>Japan</u> .
(state or country)

The ASSIGNOR(S), in consideration of \$1.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;

the entire right, title and interest in and to the PATENT RIGHTS;

the right to sue and recover for any past infringement; and

the right to claim priority under 35 USC 119, based on any earlier foreign applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

(Signature of sole or first inventor) Junji KIDO	10, 4, 2001 (Date)
Signature of second inventor) Hitoshi NAKADA	10 , 4 , 2001 (Date)
(Signature of third inventor) Teruo TOHMA	10 4, 2001 (Date)
Ryuji Murayama (Signature of fourth inventor) Ryuji MURAYAMA	(O, 4, 2001 (Date)
Toshinao Yuki	10, 4, 2001
(Signature of fifth inventor) Toshinao YUKI	10 , 4 , 2001 (Date)

<b>♥</b> 5 ₱ ♠	05-08-2	2007			
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(Rev. 6-93)	R. 101700	JJ4	SHEET	Patent and Tradema	ark Office
OMB No. 0651-0011 (exp. 4/96  Tab settings → → → ▼	PATEN	TS ONLY	· • •	▼	PTO 151
Plea	To the Assistant Com ase record the attached ori			reof.	Ü.S.
1. Name of conveying party(	ies):////////////////////////////////////	2. Name and a	ddress of re	ceiving party(ies)	1033 <b>19</b>
Junji KIDO	764/10/	Name: Toh	oku Pioneer	Corporation	
Hitoshi NAKADA		Street A	ddress: 110	5, Aza-Nikko, Oaza-I	Kunomoto,
Teruo TOHMA Ryuji MURAYAMA		Tendo-sh	i, Yamagata-	ken 994-8585 Japan;	and
Toshinao YUKI		Name: Ju			
Additional name(s) of conveying party	(ies) attached? O Yes 区 No				
3. Nature of conveyance:		Street Add:	ress: 6-6,	Chuo-2-chome, Yoneza	awa-shi,
⊠ Assignment	□ Merger	Yamaga	ta-ken 992-0	045 Japan	
O Security Agreement	□ Change of Name				
Other		Additional	l лаme(s) & addre	ess(es) attached? O Yes [	⊠ No
Execution Date: April 10,	2001				
		·			
4. Application number(s) or	patent number(s):				-
	filed together with a new application is: April 10		<u> </u>		
A. Patent Application No.(s)		B. Patent 1	No. (s)		
Additional numbers att	acheø:□Yes ⊠ No				
5. Name and address of party concerning document sho	to whom correspondence uld be mailed:	6. Total number patents inv		ations and l	
Name: Russell D. Orkin		7. Total fee (	(37 CFR 3.41)	\$ 40.00	
Internal Address: Webb Zi	esenheim Logsdon	⊠ Enclosed			
Orkin &	Hanson, P.C.	- Authorina		rand to donosit sees	

Street Address: 700 Koppers Building

436 Seventh Avenue

City: Pittsburgh State: PA ZIP: 15219-1818

- Authorized to be charged to deposit account
- 8. Deposit account number:

(Attach triplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Russell D. Orkin, Reg. No. 25,363
Name of Person Signing

April 27, 2001

Total number of pages including cover sheet, attachments and document

Mail documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents, U.S. Patent and Trademark Office

/02/2001 VTRUDNG1 00000026 09844151 Office of Public Records, Crystal Gateway 4, Room 335

Washington, D.C. 20231

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